

FIG. 1

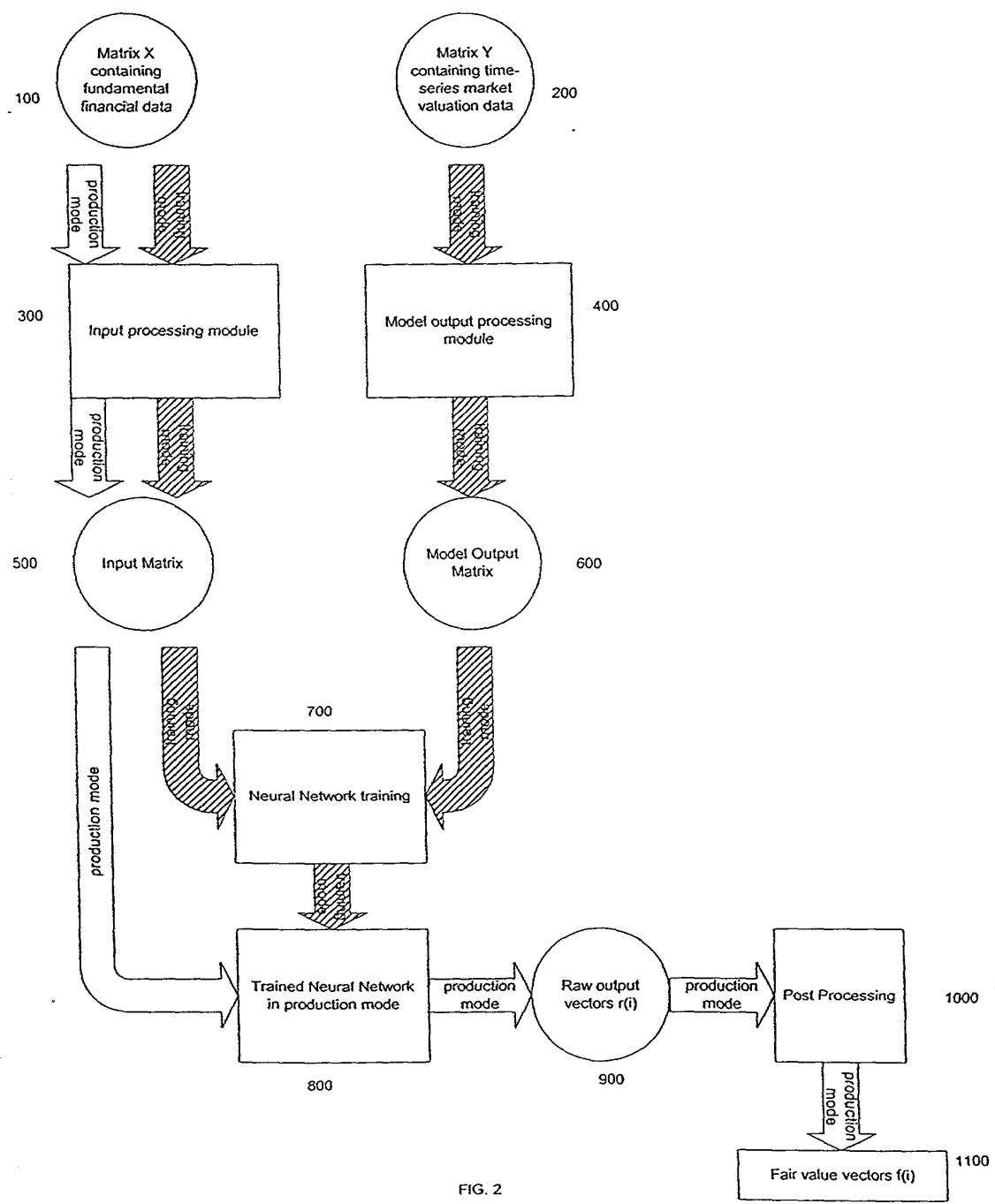


FIG. 2

		Companies $C_1, C_2 \dots C_T$				
		$C_1$	$C_2$	$C_3$	...	$C_T$
Financial Data Categories $D_1, D_2 \dots D_{30}$	$D_1$	$X_{1,1}$	$X_{1,2}$	$X_{1,3}$	...	$X_{1,T}$
	$D_2$	$X_{2,1}$	$X_{2,2}$	$X_{2,3}$	...	$X_{2,T}$
	$D_3$	$X_{3,1}$	$X_{3,2}$	$X_{3,3}$	...	$X_{3,T}$
	.	.	.	.	...	.
	.	.	.	.	...	.
	.	.	.	.	...	.
	$D_{30}$	$X_{30,1}$				$X_{30,T}$

X Matrix 100 (valuation data)

		Companies $C_1, C_2 \dots C_T$				
		$C_1$	$C_2$	$C_3$	...	$C_T$
Time Indices $t$ to $t-2500$	$t$	$Y_{t,1}$	$Y_{t,2}$	$Y_{t,3}$	...	$Y_{t,T}$
	$t-1$	$Y_{t-1,1}$	$Y_{t-1,2}$	$Y_{t-1,3}$	...	$Y_{t-1,T}$
	$t-2$	$Y_{t-2,1}$	$Y_{t-2,2}$	$Y_{t-2,3}$	...	$Y_{t-2,T}$
	.	.	.	.	...	.
	.	.	.	.	...	.
	.	.	.	.	...	.
	$t-2500$	.	.	.	...	.

Y Matrix 200 (time-series data)

FIG. 3

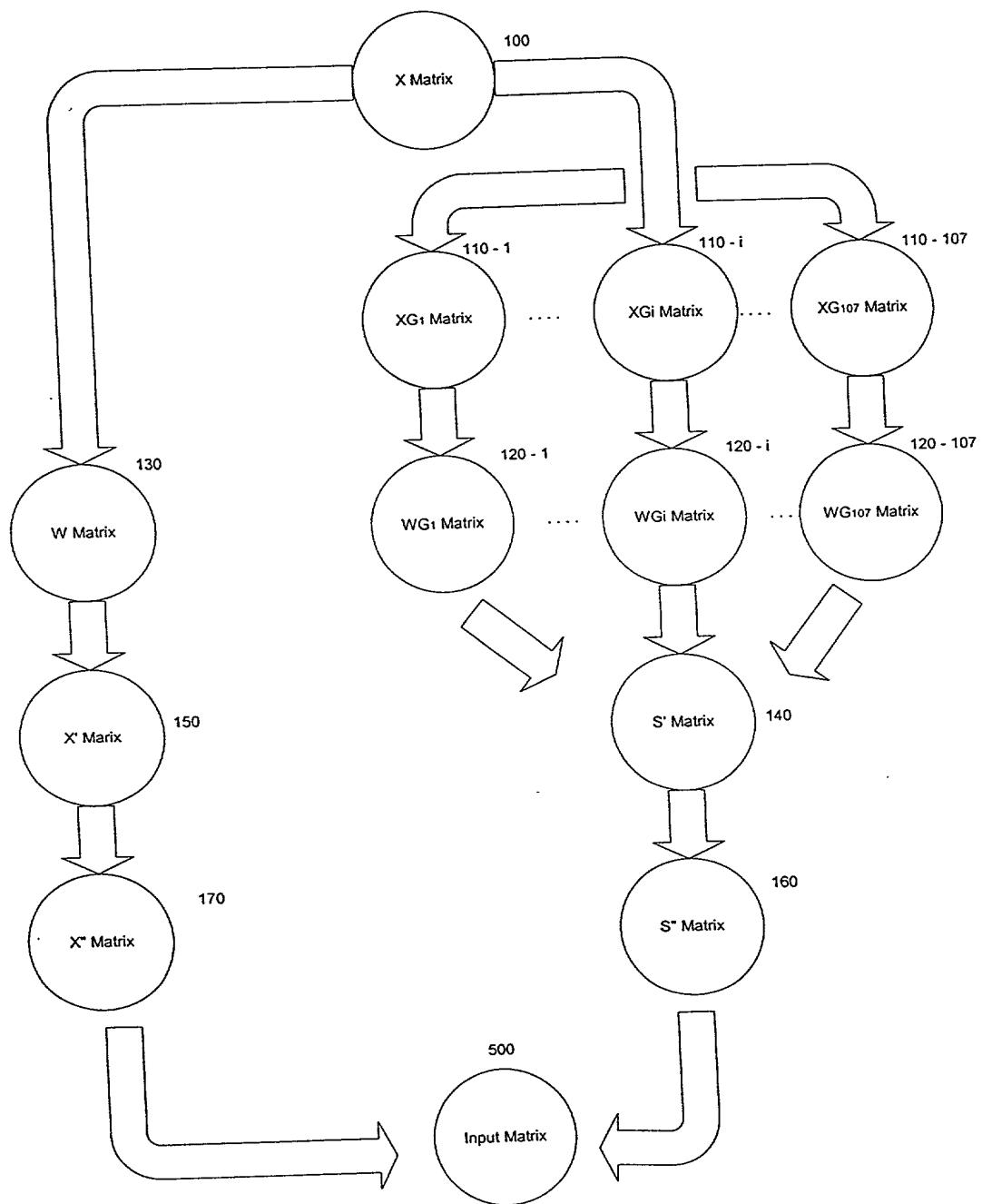


FIG. 4

1	-2	1	0	0	...	0
-2	5	-4	1	0	...	0
1	-4	6	-4	1	...	0
0	1	-4	6	-4	...	0
0	0	1	-4	6	...	0
.	.	.	.	.	...	.
.	.	.	.	.	...	.
0	...	6	-4	1	0	0
0	...	-4	6	-4	1	0
0	...	1	-4	6	-4	1
0	...	0	1	-4	5	-2
0	...	0	0	1	-2	1

A Matrix 610

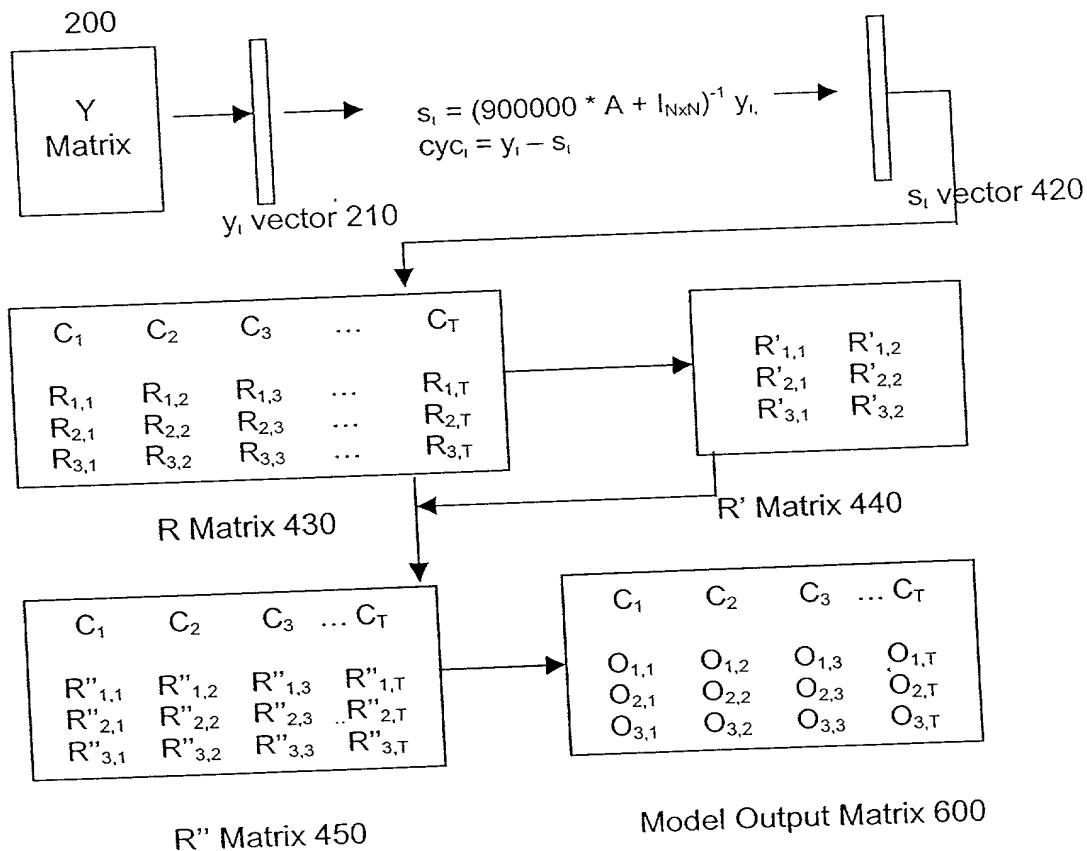


FIG. 5

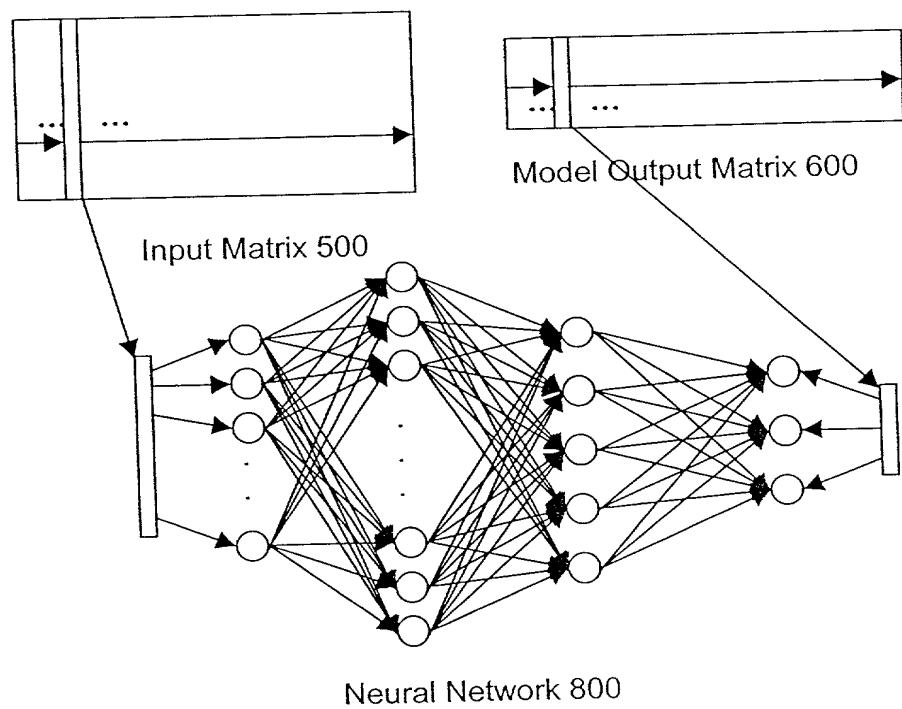


FIG. 6